

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MECHANISM FOR PROVIDING HIGH INSTRUCTION FETCH BANDWIDTH IN A MULTI-THREADED PROCESSOR

x	is attached hereto.			
	was filed on	as		
	United States Applicatio			
	or PCT International Ap			
	and was amended on (M		<u></u>	
		(if applica	ble)	
including the cl believe that the my invention th invention there or on sale in the invention has n date of this app by me or my le application) or s	hat I have reviewed and understa aim(s), as amended by any ament claimed invention was ever known ereof, or patented or described in of or more than one year prior to the United States of America more to the been patented or made the substitution in any country foreign to the gal representatives or assigns most a months (for a design patent apotto duty to disclose all informations.)	dment referred to above. I do no on or used in the United States of any printed publication in any co his application, that the same wa than one year prior to this applica bject of an inventor's certificate is the United States of America on a re than twelve months (for a utility pplication) prior to this application.	t know and America buntry before some in pution, and to sued before applicating patent	d do not before ore my ublic use that the re the ion filed
	the duty to disclose all information 37, Code of Federal Regulations,		atentability	/ as
foreign applicat any foreign app	oreign priority benefits under Title ion(s) for patent or inventor's certiblication for patent or inventor's ce which priority is claimed	ificate listed below and have also	identified	below
application on .	men priemy ie ciamiea		Priority	
<u>Prior Foreign A</u>	pplication(s)		Claim	
/Niverbo	(Country)	(Foreign Filing Date	Yes	No
(Numbe	r) (Country)	(Foreign Filing Date - MM/DD/YYYY)	165	NO
(Numbe	r) (Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No
(Numbe	r) (Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No



I hereby claim the benefit under provisional application(s) listed	r Title 35, United States Code, Section 119(e) of any United States below:
Application Number	(Filing Date – MM/DD/YYYY)
Application Number	(Filing Date – MM/DD/YYYY)
application(s) listed below and, is not disclosed in the prior Unit of Title 35, United States Code, known to me to be material to p Section 1.56, a copy of which is	Title 35, United States Code, Section 120 of any United States insofar as the subject matter of each of the claims of this application ed States application in the manner provided by the first paragraph Section 112, I acknowledge the duty to disclose all information atentability as defined in Title 37, Code of Federal Regulations, attached hereto on Appendix B (which is incorporated by reference became available between the filing date of the prior application and all filing date of this application:
Application Number (Filing Date – MM/DD/YYYY) Status patented, pending, Abandoned
Application Number (Filing Date – MM/DD/YYYY) Status patented, pending, Abandoned
part of this document) as my res	ted on Appendix A hereto (which is incorporated by reference and a spective patent attorneys and patent agents, with full power of prosecute this application and to transact all business in the Patent d herewith.
	Leo V. Novakoski , INTEL CORPORATION of Attorney or Agent)
SC4-202A, 2200 Mission Colleg 1823.	e Blvd, Santa Clara, California, 95052 and direct telephone calls to (408) 765-
on information and belief are be knowledge that willful false state	ents made herein of my own knowledge are true and that all statements made lieved to be true; and further that these statements were made with the ements and the like so made are punishable by fine or imprisonment, or both, of the United States Code and that such willful false statements may jeopardize any patent issued thereon.
Full Name of sole/first inventor	
Inventor's Signature Residence _453 Folsom Circle,	Said Said
Post Office Address Same	
Jose Chice AddressSaille	 -

Į.	
Į.	
J	
Ų,	
J	
8	
Ţ	
Ę	
Ū,	
H	

Full Name of joint/second inventor <u>James S. Burns</u>
Inventor's Signature James Stoven Burns Date 6/22/01
Residence 19700 Alderbrook Way, Cupertino, CA 95014 Citizenship U.S.
Post Office Address Same
Full Name of sole/first inventor Kenneth D. Shoemaker
Inventor's Signature Date G22/01
Residence 10925 Stonebrook Drive, Los Altos Hills, CA 95024 Citizenship U.S.
Post Office Address Same

Ų,

Ħ

Ň



Attorney's Docket No.: P11313

APPENDIX A

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Libby N. Ho, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; George Brian Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Robert G. Litts, Reg. No. 46,876; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. 45,715; Justin M. Dillon, Reg. No. 42,486; Thomas S. Ferrill, Reg. No. 42,532; and Raul Martinez, Reg. No. 46,904, my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Edward R. Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Richard Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; John N. Greaves, Reg. No. 40,362; John F. Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Charles A. Mirho, Reg. No. 41,199; Leo V. Novakoski, Reg. No. 37,198; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Steven C. Stewart, Reg. No. 33,555; Gene I. Su, Reg. No. 45,140; Calvin E. Wells, Reg. No. P43,256, Raymond J. Werner, Reg. No. 34,752; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, 37,760; Steven D. Yates, Reg. No. 42,242; and Charles K. Young, Reg. No. 39,435; my patent attorneys, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.





Attorney's Docket No.: P11313

APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.